Amendments to Claims

1. (Cancelled).

2. (Currently Amended). A composition comprising an aqueous dispersion of an electrically conductive organic polymer and a plurality of nanoparticles ~~according to claim 1~~, wherein said electrically conductive organic polymer is selected from polyaniline with poly(2-acrylamido-2-methyl-1-propanesulfonic acid) as the counterion (PAni/PAAMPSA), polythiophene and poly(ethylenedioxythiophene) with poly(styrenesulfonic acid) as the counter ion (PEDT/PSS)~~.~~ and wherein the nanoparticles are selected from the group consisting of mixtures of inorganic nanoparticles and organic nanoparticles.

3. (Cancelled).

4. (Currently Amended). A composition according to claim ~~3~~ 2 wherein said inorganic nanoparticles are selected from silica, alumina, and electrically conductive metal oxides and mixtures thereof.

5. (Currently Amended). A composition according to claim ~~3~~ 2, wherein said organic nanoparticles are selected from polyacrylates, carbon nanotubes, and perfluoroethylene sulfonates and mixtures thereof.

6. (Currently Amended). A composition according to claim ~~1~~ 2, wherein said nanoparticles have a particle size less than about 500 nm.

7. (Currently Amended). A composition according to claim ~~1~~ 2 ,wherein said nanoparticles have a particle size less than about 250 nm.

8. (Currently Amended). A composition according to claim ~~1~~ 2, wherein said nanoparticles have a particle size less than about 50 nm.

9. (Original). A composition according to claim 4, wherein the weight ratio of silica:electrically conductive polymer is about 4:1.

10. (Original). A composition according to claim 4, wherein the weight ratio of electrically conductive oxides:electrically conductive polymer is about 1.5:1.

11. (Currently Amended). A high resistance buffer layer comprising an electrically conductive polymer and a plurality of nanoparticles dispersed therein and wherein the nanoparticles are selected from the group consisting of mixtures of inorganic nanoparticles and organic nanoparticles.

12. (Original). A high resistance buffer layer according to claim 11, wherein said electrically conductive polymer is selected from PAni/PAAMPSA and PEDT/PSS.

13. (Cancelled).

14. (Original). A high resistance buffer layer according to claim 11, wherein said inorganic nanoparticles are selected from silica, alumina, or electrically conductive metal oxides and mixtures.

15. (Original). A high resistance buffer layer according to claim 11, wherein said organic nanoparticles are selected from polyacrylates, carbon nanotubes, and perfluoroethylene sulfonates and mixtures thereof.

16. (Original). A high resistance buffer layer according to claim 11, wherein said layer has a conductivity of less than about 1×10^{-3} S/cm.

17. (Original). A high resistance buffer layer according to claim 11, wherein said layer has a conductivity of less than about 1×10^{-6} S/cm.

18. (Cancelled).

19. (Currently Amended). A device according to claim 20 ~~18~~, wherein said electrically conductive polymer is selected from PAni/PAAMPSA or PEDT/PSS.

20. (Currently Amended). An organic device comprising a high resistance buffer layer comprising an electrically conductive polymer and a plurality of nanoparticles dispersed therein ~~device according to claim 18~~, wherein said nanoparticles comprise nanoparticles selected from mixtures of inorganic nanoparticles and organic nanoparticles. ~~and mixtures thereof~~.

21. (Currently Amended). A device according to claim 20 ~~18~~, wherein said inorganic nanoparticles are selected from silica, alumina, or electrically conductive metal oxides and mixtures thereof.

22. (Currently Amended). A device according to claim 20 ~~18~~, wherein said organic nanoparticles are selected from polyacrylates, carbon nanotubes, and perfluoroethylene sulfonates and mixtures thereof.